

Recombinant Human MGP protein, His-tagged

Cat. No. MGP-2596H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MGP protein(1-103 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-103 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AASequence	MKSLILLAILAALAVVTLCYESHESMESYELNPFINRRNANTFISPQQRWRAKVQERIR ERSKPVHELNREACDDYRLCERYAMVYGYNAAYNRYFRKRRGAK
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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GENE INFORMATION

Gene Name	MGP matrix Gla protein [Homo sapiens]
Official Symbol	MGP
Synonyms	MGP; matrix Gla protein; cell growth-inhibiting gene 36 protein; NTI; GIG36; MGLAP;
Gene ID	4256
mRNA Refseq	NM_000900
Protein Refseq	NP_000891
MIM	154870
UniProt ID	P08493

SDS-PAGE



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